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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Date Submitted: May 10, 2004

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## Complete if Known

Application Number	10/776,017
Filing Date	2/10/2004
First Named Inventor	Jon C. Alexander
Group Art Unit	
Examiner Name	
Attorney Docket Number	076565-0135

Sheet 1 of 3

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
Jr		6,578,731		Lewis et al	06/17/2003	
		6,543,640		Russo	04/08/2003	
		5,860,742		Faircloth, Jr.	01/19/1999	
		5,855,544		Buchanan	01/05/1999	
		5,257,865		Tani	11/02/1993	
		4,534,491		Norton et al	08/13/1985	
		4,526,291		Margulies	07/02/1985	
		4,185,754		Julius	01/29/1980	
		3,986,479		Bonk	10/19/1976	
		2,520,335		T.E. Piazze	08/29/1950	
		2,173,288		J. Shapiro	09/19/1939	
		755,085		F. Viano	03/22/1904	
U.S. Patent Documents cited in parent application						
Jr		6,309,105		Palumbo	10/30/2001	
		6,269,969		Huang et al.	08/07/2001	
		6,213,300		Flaig et al.	04/10/2001	
		6,199,559		Nikolaus et al.	03/13/2001	
		6,168,044		Zettle et al.	01/02/2001	
		6,135,277		Armstrong	10/24/2000	
		6,032,827		Zettle et al.	03/07/2000	
		6,309,105		Palumbo	10/30/2001	
		5,992,679		Porchia et al.	11/30/1999	
		5,938,069		Macchia	08/17/1999	
		5,842,486		Davis et al.	12/01/1998	
		5,704,471		Yamada	01/06/1998	
		5,699,912		Ishikawa et al.	12/23/1997	
		5,647,506		Julius	07/15/1997	
		5,533,621		Schoal, Jr.	07/09/1996	
		5,531,325		Deflander et al.	07/02/1996	
		5,515,875		Acker et al.	05/14/1996	
		5,431,177		Kecman	07/11/1995	
		5,379,897		Muckenfuhs et al.	01/10/1995	
		5,366,104		Armstrong	11/22/1994	
		5,139,165		Hara	08/18/1992	
		5,050,737		Joslyn et al.	09/24/1991	
		4,971,220		Kaufman et al.	11/20/1990	

Examiner  
Signature

Jr. M. N.

Date  
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03-29-06

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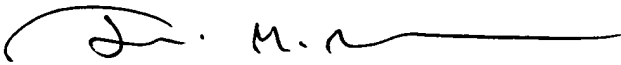
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			Examiner Name		
Sheet	2	of	3	Attorney Docket Number	076565-0135

U.S. PATENT DOCUMENTS					
		U.S. Patent Document			
1		4,790,436	Nakamura	12/13/1988	
		4,756,140	Gannon	07/12/1988	
		4,586,519	Seidler et al.	05/06/1986	
		4,553,665	Weick et al.	11/19/1985	
		4,535,912	Bonk	08/20/1985	
		4,471,880	Taylor et al.	09/18/1984	
		4,454,889	Contreras, Sr.	06/19/1984	
		4,347,943	Hackwell et al.	09/07/1982	
		3,979,020	Braber et al.	09/07/1976	
		3,967,756	Barish	07/06/1976	
		3,836,044	Tilp et al.	09/17/1974	
		3,819,043	Harrison	06/25/1974	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
Foreign Patent Documents cited in parent application								
			WO 02/14172					
			WO 01/89354					
			WO 01/85551					
			WO 01/74687					
			WO 01/51378					
			WO 01/38189					
			WO 01/38188					
			WO 01/38187					
			WO 01/32826					
			EP 0919156					
			WO 98/36985					
			FR 2 576 496					
			WO 83/02051					
			CH 380299					
			GB 599,452					

NON PATENT LITERATURE DOCUMENTS
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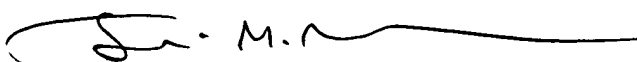
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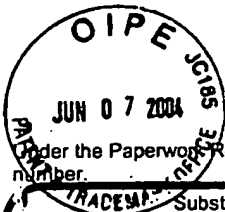
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Sheet 1 of 1

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		Number	Kind Code <sup>2</sup> (if known)			
<i>JA</i>		4,632,272		Berenfield et al.	12-30-1986	
<i>JA</i>		2,614,727		Robinson	10-21-1952	

**FOREIGN PATENT DOCUMENTS**

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

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